

07-09-01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

U S Patent and Trademark Office, U S DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 010185
First Inventor Williams, et al.
Title SPIN POLARIZED WAVE DIVISION
Express Mail Label No. EL 826297530 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification [Total Pages 14]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - b. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____
Prior application information Examiner _____ Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  or ☒ Correspondence address below

Name Dennis M. Carleton
Address BUCHANAN INGERSOLL
One Oxford Centre, 20th Floor
City Pittsburgh State PA Zip Code 15219
Country USA Telephone 412/562-1895 Fax 412/765-0163

Name (Print/Type) Dennis M. Carleton Registration No. (Attorney/Agent) 40,938
Signature  Date July 6, 2001

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Number: EL 826297530 US
Date of Deposit: July 6, 2001

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BUCHANAN INGERSOLL PC
One Oxford Center, 20th Floor
Pittsburgh, PA 15222

Tammy Styler

PATENT
Attorney Docket No. 011085

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Larry Williams, et al.)
Serial No.: Not Yet Assigned)
Filed: 6 July 2001)
Entitled: SPIN POLARIZED WAVE DIVISION)

TRANSMITTAL FOR PATENT APPLICATION

To: Assistant Commissioner for Patents
Box PATENT APPLICATION
Washington, D.C. 20231

Dear Sir:

Enclosed for filing is the above-referenced patent application. Transmitted herewith for filing are:

1. Utility Patent Application Transmittal (Form PTO/SB/05);
2. Fee Transmittal (Form PTO/SB/17);
3. Fourteen (14) pages of specifications including three (3) claims;
4. Seven sheets of figures including eleven (11) informal drawing; and
5. Declaration for Patent application.

Also enclosed is a return postcard. Please date stamp the postcard and return it to us to acknowledge receipt of this application.

09900650-070601

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 02-4553. A duplicate copy of this Transmittal letter is enclosed.

Respectfully submitted,



Dennis M. Carleton
Reg. No. 40,938

BUCHANAN INGERSOLL
One Oxford Centre, 20th Floor
301 Grant Street
Pittsburgh, PA 15219
(412) 562-1895

Dated: 6 July 2001

Attorney for Applicants

09900650-070604

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number
Filing Date July 6, 2001
First Named Inventor Williams, et al.
Examiner Name
Group Art Unit
Attorney Docket No. 010185

TOTAL AMOUNT OF PAYMENT (\$) 710.00

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 02-4553
Deposit Account Name BUCHANAN INGERSOLL

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	710.00
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 710.00

2. EXTRA CLAIM FEES

Total Claims 3
Independent Claims 1
Multiple Dependent
Extra Claims
-20** = 0
-3** = 0
Fee from below
Fee Paid

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 80	202 40	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim, if not paid	
109 80	209 40	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

**for number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type) Dennis M. Carelton
Registration No. (Attorney/Agent) 40,938
Signature *D. Carelton*
Telephone 412/562-1895
Date July 6, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER
37 CFR 1.10 - SEPARATE PAPER

ATTORNEY'S DOCKET NO.

010185

IN RE APPLICATION OF

Larry Williams, et al.

SERIAL NUMBER

FILED

July 6, 2001

FOR

SPIN POLARIZED WAVE DIVISION

GRP. ART UNIT

EXAMINER

"Express Mail" mailing label number EL 826297530 US

Date of deposit July 6, 2001

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Tammy L. Styen

(Typed or printed name of person mailing paper or fee)

Tammy Styen

(Signature of person mailing paper or fee)